

Please type a plus sign (+) inside this box → +

PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL		Attorney Docket No. 00568-776639	
		First Inventor Vernon Brent Barnes et al.	
		Title Equipment and Methods for Manufacturing Cigarettes	
(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))		Express Mail Label No. EV 315 182 991 US	

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231
---	---

1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) 2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. 3. <input checked="" type="checkbox"/> Specification [Total Pages 97] (preferred arrangement set forth below) - Descriptive title of the Invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 26] 5. Oath or Declaration [Total Pages] a. <input type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d)) (for a continuation/divisional with Box 18 completed) i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76	7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies ACCOMPANYING APPLICATIONS PARTS 9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s)) 10. <input type="checkbox"/> 37 C.F.R. §3.73(b) Statement <input type="checkbox"/> Power of (when there is an assignee) Attorney 11. <input type="checkbox"/> English Translation Document (if applicable) 12. <input type="checkbox"/> Information Disclosure <input type="checkbox"/> Copies of IDS Statement (IDS)/PTO-1449 Citations 13. <input type="checkbox"/> Preliminary Amendment 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed) 16. <input checked="" type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. <input checked="" type="checkbox"/> Other: Transmittal Under 37 CFR 1.41c
--	--

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: ____ / ____

Prior application information: Examiner: ____ Group / Art Unit: ____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label 23342 (Insert Customer No. or Attach bar code label here)		or <input type="checkbox"/> Correspondence address below	
Name	J. Michael Boggs		
Address	Kilpatrick Stockton LLP		
	1001 West Fourth Street		
City	Winston-Salem	State	NC
		Zip Code	27101-2400
Country	USA	Telephone	(336) 747-7536
		Fax	(336) 734-2632

Name (Print/Type)	J. Michael Boggs	Registration No. (Attorney/Agent)	46,563
Signature	<i>J. Michael Boggs</i>	Date	8/22/03

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

03916 U.S. PTO
 10/645991
 08/22/03

FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 1020

Complete if Known

Application Number	Applied For Herewith
Filing Date	August 22, 2003
First Named Inventor	Vernon Brent Barnes et al.
Examiner Name	Unassigned
Art Unit	Unassigned
Attorney Docket No.	00568-776639

METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)																																																																																																																																																																															
<input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money <input type="checkbox"/> Other <input type="checkbox"/> None Order <input checked="" type="checkbox"/> Deposit Account: Deposit Account Number: 16-1435 Deposit Account Name: Kilpatrick Stockton LLP The Director is authorized to: (check all that apply) <input type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments <input checked="" type="checkbox"/> Charge any additional fee(s) during the pendency of this application <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.		3. ADDITIONAL FEES <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td>1051</td> <td>130</td> <td>2051 65</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1052</td> <td>50</td> <td>2052 25</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1053</td> <td>130</td> <td>1053 130</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1812</td> <td>2,520</td> <td>1812 2,520</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1804</td> <td>920*</td> <td>1804 920*</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1805</td> <td>1,840*</td> <td>1805 1,840*</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1251</td> <td>110</td> <td>2251 55</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1252</td> <td>410</td> <td>2252 205</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1253</td> <td>930</td> <td>2253 465</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1254</td> <td>1,450</td> <td>2254 725</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1255</td> <td>1,970</td> <td>2255 985</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1401</td> <td>320</td> <td>2401 160</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1402</td> <td>320</td> <td>2402 160</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1403</td> <td>280</td> <td>2403 140</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1451</td> <td>1,510</td> <td>1451 1,510</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1452</td> <td>110</td> <td>2452 55</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1453</td> <td>1,300</td> <td>2453 650</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1501</td> <td>1,300</td> <td>2501 650</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1502</td> <td>470</td> <td>2502 235</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1503</td> <td>630</td> <td>2503 315</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1460</td> <td>130</td> <td>1460 130</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1807</td> <td>50</td> <td>1807 50</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1806</td> <td>180</td> <td>1806 180</td> <td></td> </tr> <tr> <td></td> <td></td> <td>8021</td> <td>40</td> <td>8021 40</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1809</td> <td>750</td> <td>2809 375</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1810</td> <td>750</td> <td>2810 375</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1801</td> <td>750</td> <td>2801 375</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1802</td> <td>900</td> <td>1802 900</td> <td></td> </tr> </tbody> </table>		Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid			1051	130	2051 65				1052	50	2052 25				1053	130	1053 130				1812	2,520	1812 2,520				1804	920*	1804 920*				1805	1,840*	1805 1,840*				1251	110	2251 55				1252	410	2252 205				1253	930	2253 465				1254	1,450	2254 725				1255	1,970	2255 985				1401	320	2401 160				1402	320	2402 160				1403	280	2403 140				1451	1,510	1451 1,510				1452	110	2452 55				1453	1,300	2453 650				1501	1,300	2501 650				1502	470	2502 235				1503	630	2503 315				1460	130	1460 130				1807	50	1807 50				1806	180	1806 180				8021	40	8021 40				1809	750	2809 375				1810	750	2810 375				1801	750	2801 375				1802	900	1802 900	
Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																												
		1051	130	2051 65																																																																																																																																																																													
		1052	50	2052 25																																																																																																																																																																													
		1053	130	1053 130																																																																																																																																																																													
		1812	2,520	1812 2,520																																																																																																																																																																													
		1804	920*	1804 920*																																																																																																																																																																													
		1805	1,840*	1805 1,840*																																																																																																																																																																													
		1251	110	2251 55																																																																																																																																																																													
		1252	410	2252 205																																																																																																																																																																													
		1253	930	2253 465																																																																																																																																																																													
		1254	1,450	2254 725																																																																																																																																																																													
		1255	1,970	2255 985																																																																																																																																																																													
		1401	320	2401 160																																																																																																																																																																													
		1402	320	2402 160																																																																																																																																																																													
		1403	280	2403 140																																																																																																																																																																													
		1451	1,510	1451 1,510																																																																																																																																																																													
		1452	110	2452 55																																																																																																																																																																													
		1453	1,300	2453 650																																																																																																																																																																													
		1501	1,300	2501 650																																																																																																																																																																													
		1502	470	2502 235																																																																																																																																																																													
		1503	630	2503 315																																																																																																																																																																													
		1460	130	1460 130																																																																																																																																																																													
		1807	50	1807 50																																																																																																																																																																													
		1806	180	1806 180																																																																																																																																																																													
		8021	40	8021 40																																																																																																																																																																													
		1809	750	2809 375																																																																																																																																																																													
		1810	750	2810 375																																																																																																																																																																													
		1801	750	2801 375																																																																																																																																																																													
		1802	900	1802 900																																																																																																																																																																													
1. BASIC FILING FEE <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td>1001</td> <td>750</td> <td>2001 375</td> <td>750</td> </tr> <tr> <td></td> <td></td> <td>1002</td> <td>330</td> <td>2002 165</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1003</td> <td>520</td> <td>2003 260</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1004</td> <td>750</td> <td>2004 375</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1005</td> <td>160</td> <td>2005 80</td> <td></td> </tr> </tbody> </table> SUBTOTAL (1) (\$) 750		Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid			1001	750	2001 375	750			1002	330	2002 165				1003	520	2003 260				1004	750	2004 375				1005	160	2005 80		2. EXTRA CLAIM FEES <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td>1202</td> <td>18</td> <td>2202 9</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1201</td> <td>84</td> <td>2201 42</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1203</td> <td>280</td> <td>2203 140</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1204</td> <td>84</td> <td>2204 42</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1205</td> <td>18</td> <td>2205 9</td> <td></td> </tr> </tbody> </table> SUBTOTAL (2) (\$) 270		Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid			1202	18	2202 9				1201	84	2201 42				1203	280	2203 140				1204	84	2204 42				1205	18	2205 9																																																																																																							
Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																												
		1001	750	2001 375	750																																																																																																																																																																												
		1002	330	2002 165																																																																																																																																																																													
		1003	520	2003 260																																																																																																																																																																													
		1004	750	2004 375																																																																																																																																																																													
		1005	160	2005 80																																																																																																																																																																													
Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																												
		1202	18	2202 9																																																																																																																																																																													
		1201	84	2201 42																																																																																																																																																																													
		1203	280	2203 140																																																																																																																																																																													
		1204	84	2204 42																																																																																																																																																																													
		1205	18	2205 9																																																																																																																																																																													
Total Claims: 21 -20 ** = 1 X 18 = 18 Independent Claims: 6 -3 ** = 3 X 84 = 252 Multiple Dependent: X = 0		Other fee (specify) _____ *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0																																																																																																																																																																															

**or number previously paid, if greater; For Reissues, see above

SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	J. Michael Boggs	Registration No. Attorney/Agent)	46,563
Signature	<i>J. Michael Boggs</i>	Telephone	(336) 747-7536
		Date	8/22/03

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

EXPRESS MAIL CERTIFICATE

"Express Mail" Label No. : EV 315 182 991 US

Applicant(s) : BARNES, Vernon Brent *et al.*

Filing Date : Herewith

Title: : Equipment and Methods for Manufacturing Cigarettes

Type of Document(s) : Express Mail Certificate;
Utility Patent Application Transmittal;
Specification: 97 Pages;
Drawings: 26 Sheets; Figures 1 – 28;
Fee Transmittal Form (*in duplicate*);
Check # 339124 for \$1,020.00 filing fee;
Transmittal of Application Under 37 CFR 1.41(c);
Nonpublication Request Under
35 USC 122(b)(2)(B)(i); and
Return Postcard

I hereby certify that the documents identified above are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to the Mail Stop Patent Application, Commissioner for Patents, P O Box 1450, Alexandria, VA 22313-1450.

Carol McCabe (signature)
Carol McCabe

Date Mailed: August 22, 2003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Vernon Brent Barnes et al.
Serial No. : To Be Assigned
Filing Date : August 22, 2003
For : Equipment and Methods For Manufacturing Cigarettes

Mail Stop: Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL OF APPLICATION UNDER 37 CFR 1.41(c)

Dear Sir:

The undersigned attorney hereby makes the above-identified application for U.S. Letters Patent on behalf of the following Applicants:

Vernon Brent Barnes
Philip Andrew Deal
Lloyd Harmon Hancock
John Larkin Nelson.

Please address all correspondence and direct all telephone calls in connection with this application to: J. Michael Boggs, Esq., Kilpatrick Stockton LLP, 1001 West Fourth Street, Winston-Salem, NC 27101-2400, (336) 747-7536 (phone), (336) 734-2632 (facsimile).

Respectfully submitted,

8/22/03
Date

J. Michael Boggs
J. Michael Boggs
Reg. No. 46,563

Kilpatrick Stockton LLP
1001 West Fourth Street
Winston-Salem, NC 27101-2400
(336) 747-7536 (voice)
(336) 734-2632 (facsimile)

NONPUBLICATION REQUEST UNDER 35 U.S.C. 122(b)(2)(B)(i)	First Named Inventor	Vernon Brent Barnes et al.
	Title	Equipment and Methods for Manufacturing Cigarettes
	Atty Docket Number	00568-776639

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

8/22/03
Date


Signature

J. Michael Boggs, # 46,563

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

Burden Hour Statement: This collection of information is required by 37 CFR 1.213(a). The information is used by the public to request that an application not be published under 35 U.S.C. 122(b) (and the PTO to process that request). Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 6 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.